



**Feather River
Geology Mapping Atlas
SPG2 Task 1.2 Report**

Fish Hatchery to Verona

1:12,000



SPG2 Task 1.2 Atlas Features

* Represents data shown on righthand atlas pages

- 2-Foot Contours
- 2001 Feather River Channel
- River Miles *
- Geomorphic Reach *
- Rosgen Classifications - Level ii *

Background Image(s): *
WR-BQS-C
1:7200 Color Photography flown in November 2001
(USGS DOQQs used to supplement missing data)

Soil Classifications - Butte

- Boga-Loemstone complex, 0 to 2 percent slopes
- Conejo loam, 0 to 2 percent slopes
- Feather fine sandy loam, 0 to 1 percent slopes, occasionally flooded
- Gianella fine sandy loam, 0 to 2 percent slopes, occasionally flooded
- Kimball loam, 1 to 3 percent slopes
- Liveoak sandy loam, 0 to 2 percent slopes
- Maywood sandy loam, 0 to 2 percent slopes, occasionally flooded
- Redding loam, 2 to 5 percent slopes
- Riverwash
- San Joaquin loam, 0 to 2 percent slopes
- San Joaquin-Arents complex, 0 to 1 percent slopes, leveled
- Vina loam, 0 to 2 percent slopes
- Water
- Unknown

Soil Classifications - Sutter

- CAPAY SILTY CLAY, 0 TO 2 PERCENT SLOPES
- CLEAR LAKE CLAY, FREQUENTLY FLOODED, 0 TO 2 PERCENT SLOPES
- CLEAR LAKE SILT LOAM, 0 TO 2 PERCENT SLOPES
- CLEAR LAKE SILT LOAM, FREQUENTLY FLOODED, 0 TO 2 PERCENT SLOPES
- COLUMBIA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES
- COLUMBIA FINE SANDY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES
- COLUMBIA FINE SANDY LOAM, CLAY SUBSTRATUM, FREQUENTLY FLOODED, 0 TO 2 PERCENT SLOPES
- COLUMBIA FINE SANDY LOAM, FREQUENTLY FLOODED, 0 TO 2 PERCENT SLOPES
- CONEJO LOAM, 0 TO 2 PERCENT SLOPES
- CONEJO-TISDALE COMPLEX, 0 TO 2 PERCENT SLOPES
- CONEJO-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES
- HOLILLIPAH LOAMY SAND, 0 TO 2 PERCENT SLOPES
- HOLILLIPAH LOAMY SAND, CHANNELED, 0 TO 2 PERCENT SLOPES
- HOLILLIPAH LOAMY SAND, FREQUENTLY FLOODED, 0 TO 2 PERCENT SLOPES
- HOLILLIPAH SANDY LOAM, 0 TO 2 PERCENT SLOPES
- LIVEOAK SANDY CLAY LOAM, 0 TO 1 PERCENT SLOPES
- MARCUM-GRIDLEY CLAY LOAMS, 0 TO 1 PERCENT SLOPES
- NUEVA LOAM, 0 TO 1 PERCENT
- NUEVA LOAM, OCCASIONALLY FLOODED, 0 TO 1 PERCENT SLOPES
- SHANGHAI FINE SANDY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES
- SHANGHAI SILT LOAM, 0 TO 2 PERCENT SLOPES
- SHANGHAI SILT LOAM, CLAY SUBSTRATUM, 0 TO 2 PERCENT SLOPES
- SHANGHAI SILT LOAM, CLAY SUBSTRATUM, FREQUENTLY FLOODED, 0 TO 2 PERCENT SLOPES
- SHANGHAI SILT LOAM, FREQUENTLY FLOODED, 0 TO 2 PERCENT SLOPES
- SHANGHAI SILT LOAM, WET, 0 TO 2 PERCENT SLOPES
- SHANGHAI VARIANT LOAMY SAND, 0 TO 1 PERCENT SLOPES
- SNELLING LOAM, 0 TO 2 PERCENT SLOPES
- WATER
- YUVAS LOAM, 0 TO 2 PERCENT SLOPES

Mesohabitat Classifications *

- Backwater
- Riffle
- Run
- Glide
- Pool
- Boulder Run

Soil Classifications - Yuba

- COLUMBIA FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES
- COLUMBIA FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED
- COLUMBIA FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED
- COLUMBIA-URBAN LAND COMPLEX, 0 TO 1 PERCENT SLOPES
- CONEJO LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED
- CONEJO LOAM, 0 TO 2 PERCENT SLOPES
- FEATHER SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
- HOLILLIPAH LOAMY SAND, 0 TO 1 PERCENT SLOPES
- HOLILLIPAH LOAMY SAND, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED
- HOLILLIPAH LOAMY SAND, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED
- KILAGA CLAY LOAM, 0 TO 1 PERCENT SLOPES
- KILAGA CLAY LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED
- KILAGA CLAY LOAM, HARDPAN SUBSTRATUM, 0 TO 1 PERCENT SLOPES
- KIMBALL LOAM, 0 TO 1 PERCENT SLOPES
- MARYSVILLE LOAM, 0 TO 1 PERCENT SLOPES
- PERKINS LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED
- PERKINS LOAM, 0 TO 2 PERCENT SLOPES
- RIVERWASH
- SAN JOAQUIN LOAM, 0 TO 1 PERCENT SLOPES
- SAN JOAQUIN-URBAN LAND COMPLEX, 0 TO 1 PERCENT SLOPES
- SHANGHAI SILT LOAM, 0 TO 1 PERCENT SLOPES
- SHANGHAI SILT LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED
- TRAINER LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED
- TUJUNGA SAND, 0 TO 1 PERCENT SLOPES
- TUJUNGA SAND, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED
- WATER

--While the Department believes the information to be reliable and made efforts to assure its reliability at the time the information was compiled, the information is provided "as is". The Department of Water Resources is not responsible for the accuracy, completeness, quality or legal sufficiency of this information. Data Source(s): USGS Digital Ortho Quarter Quads - USGS, wr-bqs-c aerial photo mosaics, featherrivermiles.shp - DWR, geomorphic reach.shp - DWR, featherriverchannel_2001_complete_polygon.shp - DWR, habitat.shp and habitat_below_honcut_cr.shp - DWR, floodsoilssutter.shp - DWR, floodsoilsbutte.shp - DWR, floodsoilsyuba.shp - DWR, rosgen_classifications_level_ii.shp - DWR, and area(X)_contours.shp - USACE.